What is claimed is:

1. An information processing apparatus connected to an image input apparatus which is capable of executing predetermined image processing on input image data and outputting the processed image data, the information processing apparatus comprising:

first storage means for storing image data output from the image input apparatus;

instruction input means for inputting setting information for image processing according to an instruction from an operator; and

image processing means for executing image processing that can be executed by the image input apparatus, on the image data stored in said first storage means based on the setting information input by said instruction input means.

2. An information processing apparatus according to claim 1, wherein the image input apparatus is a scanner apparatus having an image processing section that executes predetermined image processing on image data input by reading an image, and

wherein said first storage means stores image data transmitted from said scanner apparatus.

3. An information processing apparatus according to claim 2, wherein said image processing section of said scanner apparatus executes image processing

related to image correction, and said image processing

means executes image correction that can be executed by

said image processing section of said scanner apparatus.

4. An information processing apparatus according

5 to claim 3, wherein the image correction includes

processes related to contrast adjustment, brightness

adjustment, and binarization of an image.

5. An information processing apparatus according

to claim 2, wherein said scanner apparatus further

10 includes an image input section that feeds an original

and inputs image data by reading an image from the fed

original.

6. An information processing apparatus according

to claim 1, further comprising display means for

15 displaying the image data processed by said image

processing means.

7. An information processing apparatus according

to claim 6, wherein said image processing means

executes image processing on image data temporarily

20 stored in said storage means and said display means

displays the processed image data, before said

instruction input means inputs set values.

8. An information processing apparatus according

to claim 1, further comprising second storage means for

25 storing the processed image data after said image

processing means has executed image processing based on

the setting information.

9. An information processing apparatus according to claim 1, further comprising third storage means for storing setting information input by said instruction input means, and

5   wherein said image processing means executes image processing on second and subsequent image data output from the image input apparatus based on the setting information stored in said third storage means.

10. An information processing apparatus according

10   to claim 1, further comprising selecting means for selecting either a first mode in which the image input apparatus executes the image processing or a second mode in which the information processing apparatus executes the image processing, according to an

15   instruction input by the operator.

11. An information processing apparatus according to claim 1, wherein the image input apparatus is a scanner apparatus, and

     wherein the information processing apparatus is a

20   personal computer connected to said scanner apparatus via a communication cable.

12. An information processing apparatus according to claim 1, further comprising transmitting means for transmitting the setting information used for the image

25   processing by said image processing means, to the image input apparatus.

13. An information processing apparatus according

to claim 12, wherein said transmitting means transmits the setting information to the image input apparatus after first image data stored in said first storage means has been processed by said image processing means.

5   14. An information processing apparatus according to claim 13, further comprising display means for displaying the image data processed by said image processing means.

      15. An information processing apparatus according to claim 14, wherein the image input apparatus is a

10   scanner apparatus having an image processing section that executes predetermined image processing on image data input by reading an image, and

      wherein said first storage means stores image data

15   transmitted from said scanner apparatus.

      16. An information processing apparatus according to claim 15, wherein said image processing section of said scanner apparatus executes image processing related to image correction based on the setting

20   information transmitted from said transmitting means, and said image processing means executes image correction that can be executed by said image processing section of said scanner apparatus.

      17. An information processing apparatus connected

25   via a communication cable to a scanner apparatus, said scanner apparatus comprising an image input section that feeds an original and inputs image data by reading

an image from the fed original, and an image correcting

section that executes predetermined image correction on

the image data input by said image input section, said

scanner apparatus being capable of transmitting the

5   image data corrected by said image correcting section,

the information processing apparatus comprising:

first storage means for storing image data

transmitted from the scanner apparatus;

first image correcting means for executing image

10   correction that can be executed by the scanner

apparatus, on the image data stored in said first

storage means;

display means for displaying the corrected image

data;

15   instruction input means for inputting setting

information for image correction according to an

instruction from an operator;

second image correcting means for executing image

correction that can be executed by the scanner

20   apparatus, on the image data stored in said first

storage means based on the setting information input by

said instruction input means; and

second storage means for storing the image data

corrected by said second image correcting means.

25   18. An information processing apparatus connected

via a communication cable to a scanner apparatus, said

scanner apparatus comprising an image input section

that feeds an original and inputs image data by reading

an image from the fed original, and an image correcting

section that executes predetermined image processing on

the image data input by said image input section, the

5   scanner apparatus being capable of transmitting the

image data corrected by said image correcting section,

the information processing apparatus comprising:

first storage means for storing image data on a

first original sheet transmitted from the scanner

10   apparatus;

first image correcting means for executing image

correction that can be executed by the scanner

apparatus, on the image data stored in said first

storage means;

15   display means for displaying the corrected image

data;

instruction input means for inputting setting

information for image correction according to an

instruction from an operator;

20   second image correcting means for executing image

correction that can be executed by the scanner

apparatus, on the image data stored in said first

storage means based on the setting information input by

said instruction input means;

25   second storage means for storing the image data

corrected by said second image correcting means;

third storage means for storing the setting

information input by said instruction input means;

fourth storage means for storing image data on second and subsequent original sheets transmitted from the scanner apparatus, in response to storing of the

5   image data on the first original sheet in said second storage means;

third image correcting means for executing image correction that can be executed by the scanner apparatus, on the image data stored in said fourth

10   storage means based on the setting information stored in said third storage means; and

fifth storage means for storing the image data corrected by said third image correcting means.

19. An information processing apparatus connected

15   via a communication cable to a scanner apparatus, said scanner apparatus comprising an image input section that feeds an original and inputs image data by reading an image from the fed original, and an image correcting section that executes predetermined image processing on

20   the image data input by said image input section, the scanner apparatus being capable of transmitting the image data corrected by said image correcting section, the information processing apparatus comprising:

first storage means for storing image data on a

25   first original sheet transmitted from the scanner apparatus;

first image correcting means for executing image

correction that can be executed by the scanner
apparatus, on the image data stored in said first
storage means;

display means for displaying the corrected image

5 data;

instruction input means for inputting setting
information for image correction according to an
instruction from an operator;

second image correcting means for executing image

10 correction that can be executed by the scanner
apparatus, on the image data stored in said first
storage means based on the setting information input by
said instruction input means;

second storage means for storing the image data

15 corrected by said second image correcting means;

transmitting means for transmitting the setting
information input by said instruction input means, to
the scanner apparatus; and

third storage means for storing image data on

20 second and subsequent original sheets which have been
transmitted from the scanner apparatus after being
corrected based on the setting information by the image
correcting section of the scanner apparatus.

20. An information processing apparatus connected

25 to an image input apparatus which is capable of
executing predetermined image processing on input image
data and outputting the processed image data, the

information processing apparatus comprising:

selecting means for selecting either a first mode in which the image input apparatus executes image processing or a second mode in which the image

5   processing apparatus executes image processing, according to an instruction input by an operator;

storage means for storing image data output from the image input apparatus;

instruction input means for inputting setting

10   information for image processing according to an instruction from an operator; and

image processing means for executing image processing on the image data stored in said storage means based on the setting information input by said

15   instruction input means, if said selecting means selects the second mode.

21. An information processing apparatus connected to an image input apparatus which is capable of executing predetermined image processing on input image

20   data and outputting the processed image data, the information processing apparatus comprising:

storage means for storing image data output from the image input apparatus;

instruction input means for inputting setting

25   information for image processing according to an instruction from an operator;

image processing means for executing image

processing on the image data stored in said storage

means based on the setting information input by said

instruction input means; and

transmitting means for transmitting the setting

5   information used for the image processing by said image

processing means, to the image input apparatus.

22. An image input apparatus connected to an

information processing apparatus which is capable of

executing predetermined image processing on input image

10   data and storing the processed image data, the image

input apparatus comprising:

input means for inputting image data; and

image processing means for executing image

processing that can be executed by the image processing

15   apparatus, on the image data input by said input means,

and

wherein said image processing means executes image

processing on the image data input by said input means,

depending on contents of image processing executed by

20   the image processing apparatus.

23. An image input apparatus according to claim

22, wherein the information processing apparatus

executes image processing on the image data based on

setting information input by an operator, and

25   wherein said image processing means executes image

processing on the image data input by said input means,

based on the setting information transmitted from the

image processing apparatus.

24. An image input apparatus according to claim 23, further comprising determining means for determining whether the image data input by said input

5   means is from a first original sheet, and

wherein if the determining means determines that the image data is from the first original sheet, said image processing means does not execute image processing on the image data input by said input means,

10   and

if said determining means determines that the image data is not from the first original sheet, said image processing means executes image processing on the image data input by said input means.

15   25. An image input apparatus according to claim 24, wherein the image input apparatus is a scanner apparatus, and

wherein said input means inputs image data by reading an image.

20   26. An image input apparatus according to claim 25, wherein said image processing means executes image processing related to image correction, and the image processing apparatus executes image correction that can be executed by said image processing means.

25   27. An image input apparatus according to claim 26, wherein the image correction includes processing related to contrast adjustment, brightness adjustment,

and binarization of an image.

28. An image input apparatus according to claim 25, wherein said input means inputs image data by reading an image,

5   wherein if said determining means determines that the image data is not from the first original sheet, said input means inputs image data by continuously reading second and subsequent original sheets, and

wherein said image processing means executes image 10 processing on the image data input by said input means.

29. An image input apparatus according to claim 22, wherein the image input apparatus is a scanner apparatus, and

wherein the image processing apparatus is a 15 personal computer connected to the scanner apparatus via a communication cable.

30. A scanner apparatus connected to an image processing apparatus which is capable of executing predetermined image correction on input image data 20 based on setting information input by an operator and storing the corrected image data, the scanner apparatus comprising:

input means for feeding an original and inputting image data by reading an image from the fed original;

25   image processing means for executing image correction that can be executed by the image processing apparatus, on the image data input by said input means;

and

    determining means for determining whether the image data input by said input means is from a first original sheet, and

5   wherein if said determining means determines that the image data is not from the first original sheet, said image processing means executes image processing on the image data input by said input means, based on the setting information transmitted from the image
10 processing apparatus.

    31. An image input apparatus connected to an information processing apparatus which is capable of executing predetermined image processing on input image data and storing the processed image data, the image
15 input apparatus comprising:

    input means for inputting image data;

    image processing means for executing image processing on the image data input by said input means, and

20   wherein if the image processing apparatus is to execute image processing on the image data input by said input means, said image processing means does not execute image processing on the image data input by said input means.

25   32. A method of controlling an information processing apparatus connected to an image input apparatus which is capable of executing predetermined

image processing on input image data and outputting the

processed image data, the method comprising:

a first storing step of storing image data output

from the image input apparatus, in a storage section;

5   an instruction input step of inputting setting

information for image processing according to an

instruction from an operator; and

an image processing step of executing image

processing that can be executed by the image input

10   apparatus, on the image data stored in the storage

section based on the setting information input in said

instruction input step.

33. A method of controlling an information

processing apparatus connected via a communication

15   cable to a scanner apparatus, said scanner apparatus

comprising an image input section that feeds an

original and inputs image data by reading an image from

the fed original, and an image correcting section that

executes predetermined image correction on the image

20   data input by said image input section, said scanner

apparatus being capable of transmitting the image data

corrected by said image correcting section, the method

comprising:

a first storing step of storing image data

25   transmitted from the scanner apparatus, in a storage

section;

a first image correcting step of executing image

correction that can be executed by the scanner
apparatus, on the image data stored in said first
storing step;

a display step of displaying the corrected image

5   data;

an instruction input step of inputting setting
information for image correction according to an
instruction from an operator;

a second image correcting step of executing image

10   correction that can be executed by the scanner
apparatus, on the image data stored in said first
storing step based on the setting information input in
said instruction input step; and

a second storing step of storing the image data

15   corrected in said second image correcting step, in a
storage section.

34.   A method of controlling an information
processing apparatus connected via a communication
cable to a scanner apparatus said scanner apparatus

20   comprising an image input section that feeds an
original and inputs image data by reading an image from
the fed original, and an image correcting section that
executes predetermined image processing on the image
data input by said image input section, the scanner

25   apparatus being capable of transmitting the image data
corrected by said image correcting section, the method
comprising:

a first storing step of storing image data on a
first original sheet transmitted from the scanner
apparatus, in a storage section;

a first image correcting step of executing image
5 correction that can be executed by the scanner
apparatus, on the image data stored in said first
storing step;

a display step of displaying the corrected image
data;

10 an instruction input step of inputting setting
information for image correction according to an
instruction from an operator;

a second image correcting step of executing image
correction that can be executed by the scanner
15 apparatus, on the image data stored in said first
storing step based on the setting information input in
said instruction input step;

a second storing step of storing the image data
corrected in said second image correcting step, in a
20 storage section;

a third storing step of storing the setting
information input in said instruction input step, in a
storage section;

a fourth storing step of storing image data on
25 second and subsequent original sheets transmitted from
the scanner apparatus in a storage section, in response
to storing of the image data on the first original

sheet in said second storing step;

a third image correcting step of executing image correction that can be executed by the scanner apparatus, on the image data stored in said fourth

5 storing step based on the setting information stored in said third storing step; and

a fifth storing step of storing the image data corrected in said third image correcting step, in a storage section.

10 35. A method of controlling an information processing apparatus connected via a communication cable to a scanner apparatus, said scanner apparatus comprising an image input section that feeds an original and inputs image data by reading an image from

15 the fed original, and an image correcting section that executes predetermined image processing on the image data input by said image input section, the scanner apparatus being capable of transmitting the image data corrected by said image correcting section, the method

20 comprising:

a first storing step of storing image data on a first original sheet transmitted from the scanner apparatus, in a storage section;

a first image correcting step of executing image

25 correction that can be executed by the scanner apparatus, on the image data stored in said first storing step;

a display step of displaying the corrected image
data;

an instruction input step of inputting setting
information for image correction according to an
5   instruction from an operator;

a second image correcting step of executing image
correction that can be executed by the scanner
apparatus, on the image data stored in said first
storing step based on the setting information input in
10   said instruction input step;

a second storing step of storing the image data
corrected in said second image correcting step, in a
storage section;

a transmitting step of transmitting the setting
15   information input in said instruction input step, to
the scanner apparatus; and

a third storing step of storing, in a storage
section, image data on second and subsequent original
sheets which have been transmitted from the scanner
20   apparatus after being corrected based on the setting
information by the image correcting section of the
scanner apparatus.

36. A method of controlling an information
processing apparatus connected to an image input
25   apparatus which is capable of executing predetermined
image processing on input image data and outputting the
processed image data, the method comprising:

a selecting step of selecting either a first mode
in which the image input apparatus executes image
processing or a second mode in which the image
processing apparatus executes image processing,
5   according to an instruction input by an operator;

a storing step of storing image data output from
the image input apparatus, in a storage section;

an instruction input step of inputting setting
information for image processing according to an
10   instruction from an operator; and

an image processing step of executing image
processing on the image data stored in said storing
step based on the setting information input in said
instruction input step, if the second mode is selected
15   in said selecting step.

37. A method of controlling an information
processing apparatus connected to an image input
apparatus which is capable of executing predetermined
image processing on input image data and outputting the
20   processed image data, the method comprising:

a storing step of storing image data output from
the image input apparatus, in a storage section;

an instruction input step of inputting setting
information for image processing according to an
25   instruction from an operator;

an image processing step of executing image
processing on the image data stored in said storing

step based on the setting information input in said
instruction input step; and

a transmitting step of transmitting the setting
information used for the image processing in said image
5   processing step, to the image input apparatus.

38. A method of controlling an image input
apparatus connected to an information processing
apparatus which is capable of executing predetermined
image processing on input image data and storing the
10   processed image data, the method comprising:

an input step of inputting image data;

an image processing step of executing image
processing that can be executed by the image processing
apparatus, on the image data input in said input step,
15   and

wherein said image processing step comprises
executing image processing on the image data input in
said input step, depending on contents of image
processing executed by the image processing apparatus.

20   39. A method of controlling a scanner apparatus
connected to an image processing apparatus which is
capable of executing predetermined image correction on
input image data based on setting information input by
an operator and storing the corrected image data, the
25   method comprising:

an input step of feeding an original and inputting
image data by reading an image from the fed original;

an image processing step of applying image correction that can be executed by the image processing apparatus, on the image data input in said input step; and

5   a determining step of determining whether the image data input in said input step is from a first original sheet, and

wherein if it is determined in said determining step that the image data is not from the first original

10   sheet, said image processing step executes image processing on the image data input in said input step, based on the setting information transmitted from the image processing apparatus.

40. A method of controlling an image input

15   apparatus connected to an information processing apparatus which is capable of executing predetermined image processing on input image data and storing the processed image data, the method comprising:

an input step of inputting image data;

20   an image processing step of executing image processing on the image data input in said input step, and

wherein if the image processing apparatus is to execute image processing on the image data input in

25   said input step, image processing on the image data input in said input step is not executed in said image processing step.

41. An image input system including an image
input apparatus which is capable of executing
predetermined image processing on input image data and
outputting the processed image data, and an image
5   processing apparatus connected to the image input
apparatus,

wherein the image input apparatus comprises:

input means for inputting image data; and

first image processing means for executing image
10   processing on the image data input by said input means,

wherein said information processing apparatus
comprises:

storage means for storing image data output from
the image input apparatus;

15   instruction input means for inputting setting
information for image processing according to an
instruction from an operator; and

second image processing means for executing image
processing that can be executed by said first image
20   processing means, on the image data stored in said
storage means based on the setting information input by
said instruction input means, and

wherein said first image processing means executes
image processing on the image data input by said input
25   means, depending on contents of image processing
executed by said second image processing means.

42. An image input system including a scanner

apparatus comprising an image input section that feeds

an original and inputs image data by reading an image

from the fed original, and an image correcting section

that executes predetermined image processing on the

5   image data input by said image input section, the

scanner apparatus being capable of transmitting the

image data corrected by said image correcting section,

to an external apparatus, and an image processing

apparatus connected to the scanner apparatus via a

10   communication cable,

wherein the scanner apparatus comprises:

input means for feeding an original and inputting

image data by reading an image from the fed original;

first image correcting means for executing image

15   correction on the image data input by said input means;

and

determining means for determining whether the

image data input by said input means is from a first

original sheet,

20   wherein said information processing apparatus

comprises:

first storage means for storing image data

transmitted from the scanner apparatus;

second image correcting means for executing image

25   correction that can executed by said first image

correcting means, on the image data stored in said

first storage means;

display means for displaying the corrected image
data;

instruction input means for inputting setting
information for the image correction according to an
5   instruction from an operator;

third image correcting means for executing image
correction that can be executed by said first image
correcting means, on the image data stored in said
first storage means based on the setting information
10   input by said instruction input means; and

second storage means for storing the image data
corrected by said third image correcting means, and

wherein if said determining means determines that
the image data is not from a first original sheet, said
15   first image correcting means executes image correction
on the image data input by said input means, based on
the setting information transmitted from the
information processing apparatus.

43. A computer-readable storage medium storing a
20   program code for implementing a method of controlling
an information processing apparatus connected to an
image input apparatus which is capable of executing
predetermined image processing on input image data and
outputting the processed image data, the program code
25   comprising:

a storing module for storing image data output
from the image input apparatus, in a storage section;

an instruction input module for inputting setting

information for image processing according to an

instruction from an operator; and

an image processing for executing image processing

5   that can be executed by the image input apparatus, on

the image data stored in said storage means based on

the setting information input by said instruction input

module.

44.   A computer-readable storage medium storing a

10   program code for implementing a method of controlling

an image input apparatus connected to an information

processing apparatus which is capable of executing

predetermined image processing on input image data and

storing the processed image data, the program code

15   comprising:

an input module for inputting image data; and

an image processing module for executing image

processing that can be executed by the image processing

apparatus, on the image data input by said input module,

20   and

wherein said image processing module executes

image processing on the image data input by said input

module, depending on contents of image processing

executed by the image processing apparatus.